

ABSTRACT OF THE DISCLOSURE

5 The optical microscope apparatus comprises
illuminating means for emitting as illumination light a
convergent beam converging at a point in a space; a sample
mounting table for mounting a sample in front of the converging
point of illumination light; and an objective lens disposed
such that the illumination light is incident thereon after
light transmitted through or reflected by the sample is once
converged at the converging point. The texture and state
of orientation of the sample can easily be analyzed by use
of the optical microscope apparatus in accordance with the
present invention.